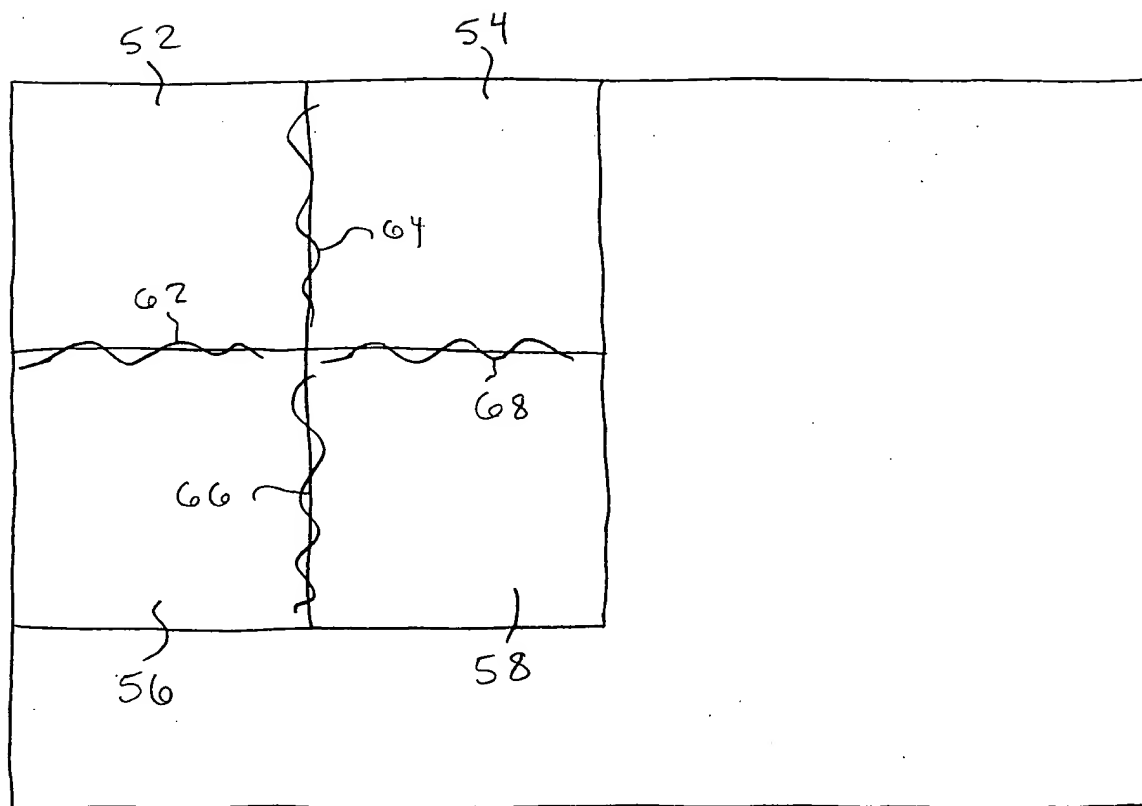


Fig. 1  
(prior art)



50 ↗

Fig. 2  
(prior art)

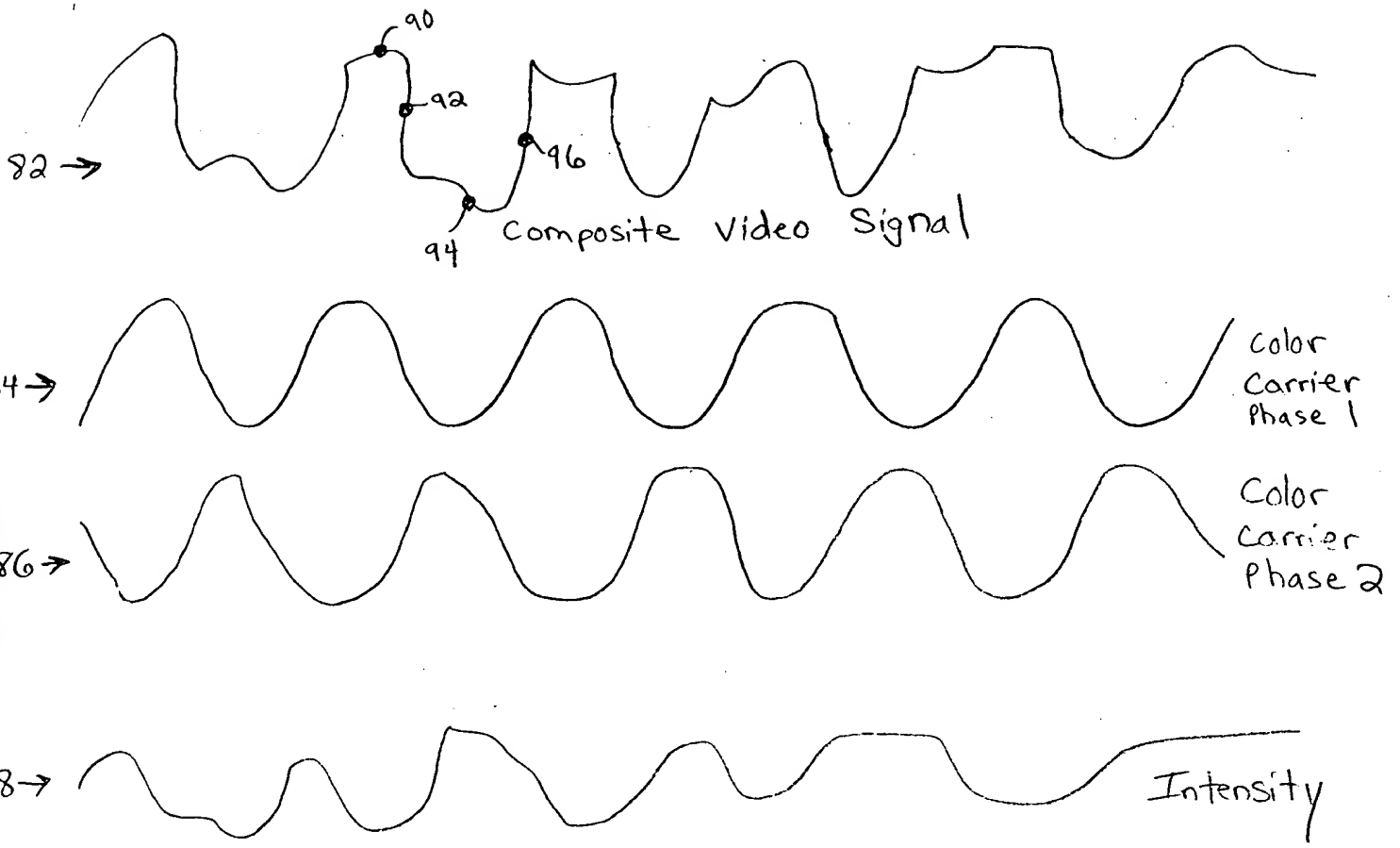


Fig. 3  
(prior art)

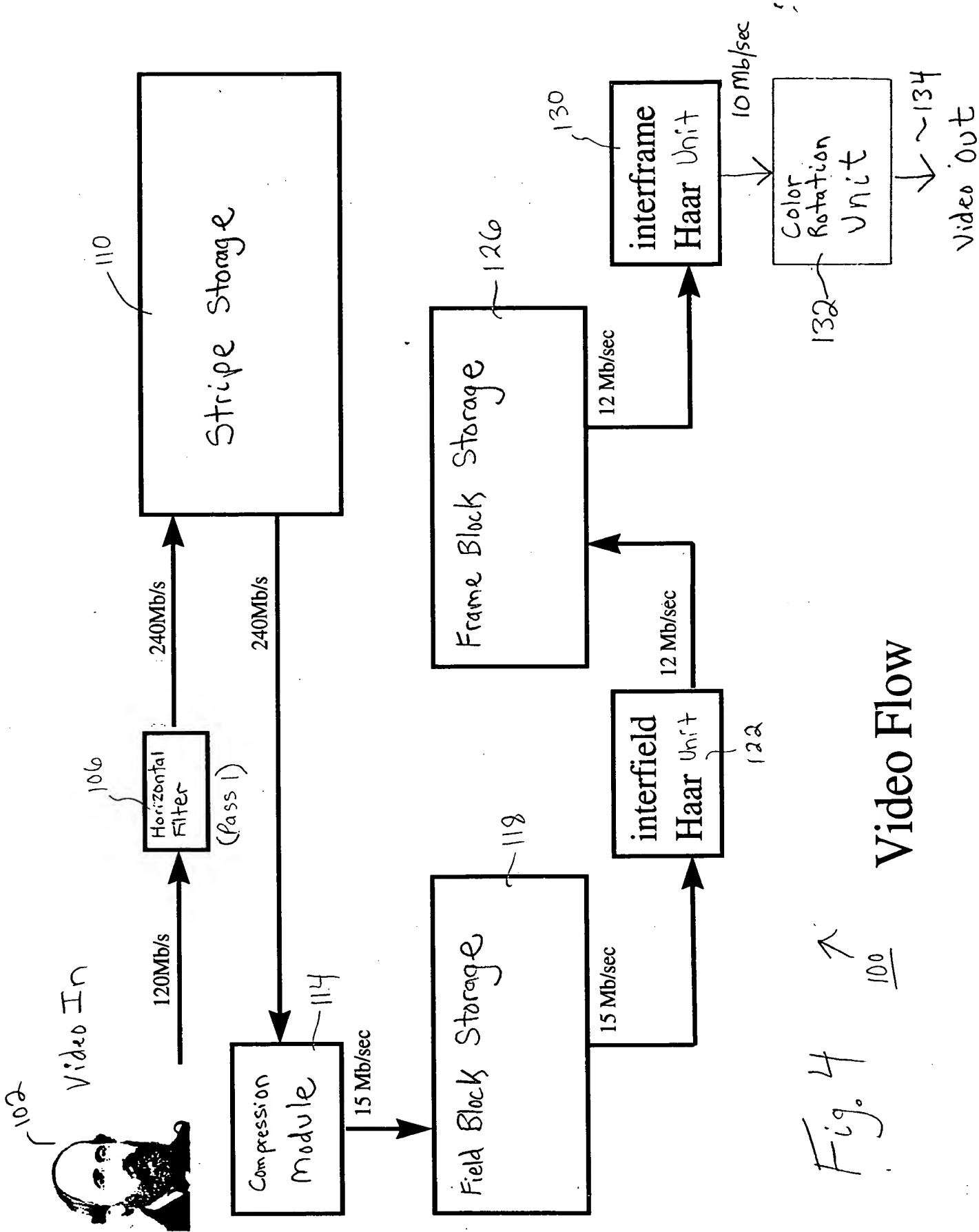
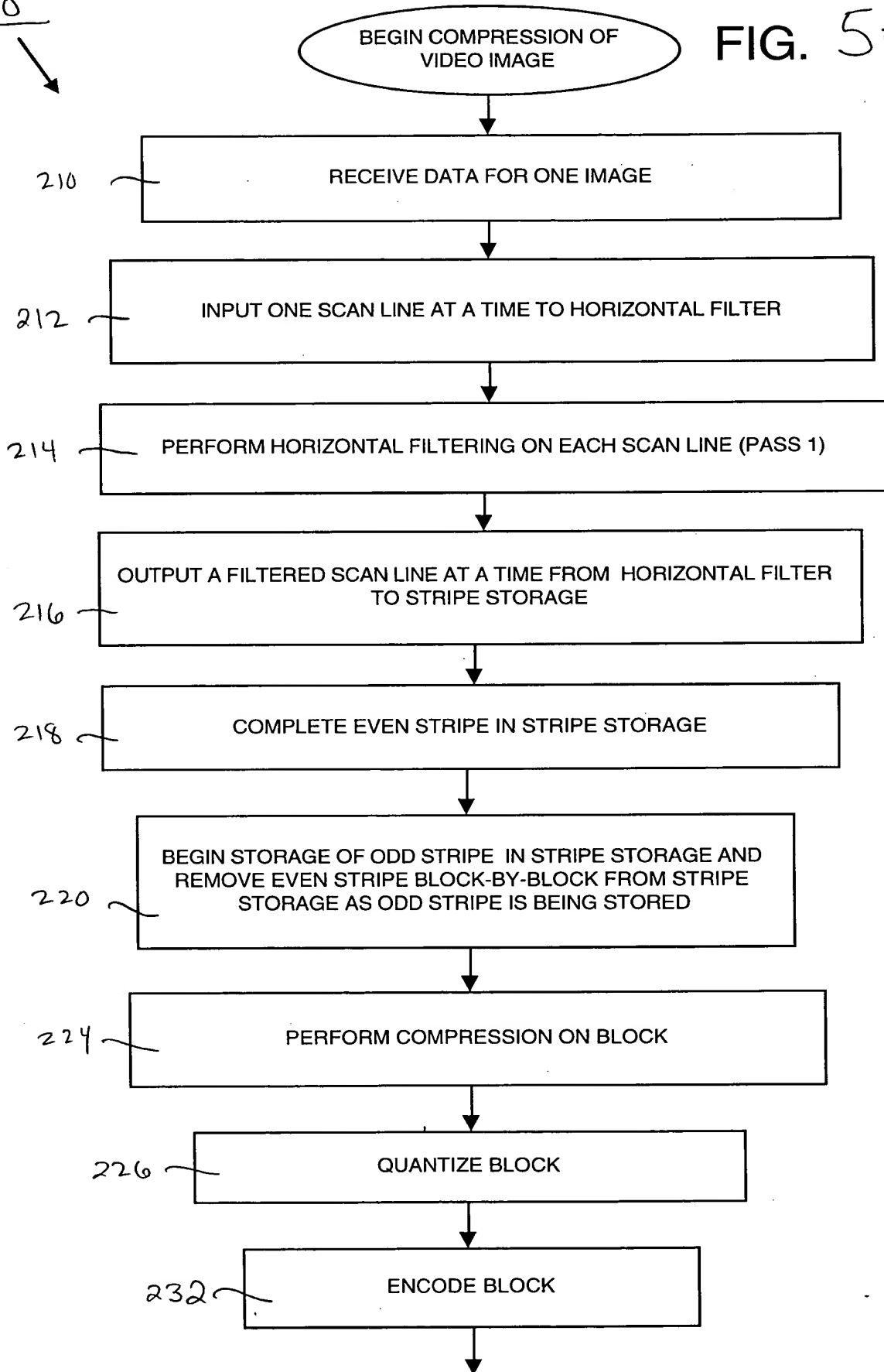


Fig. 4

Video Flow

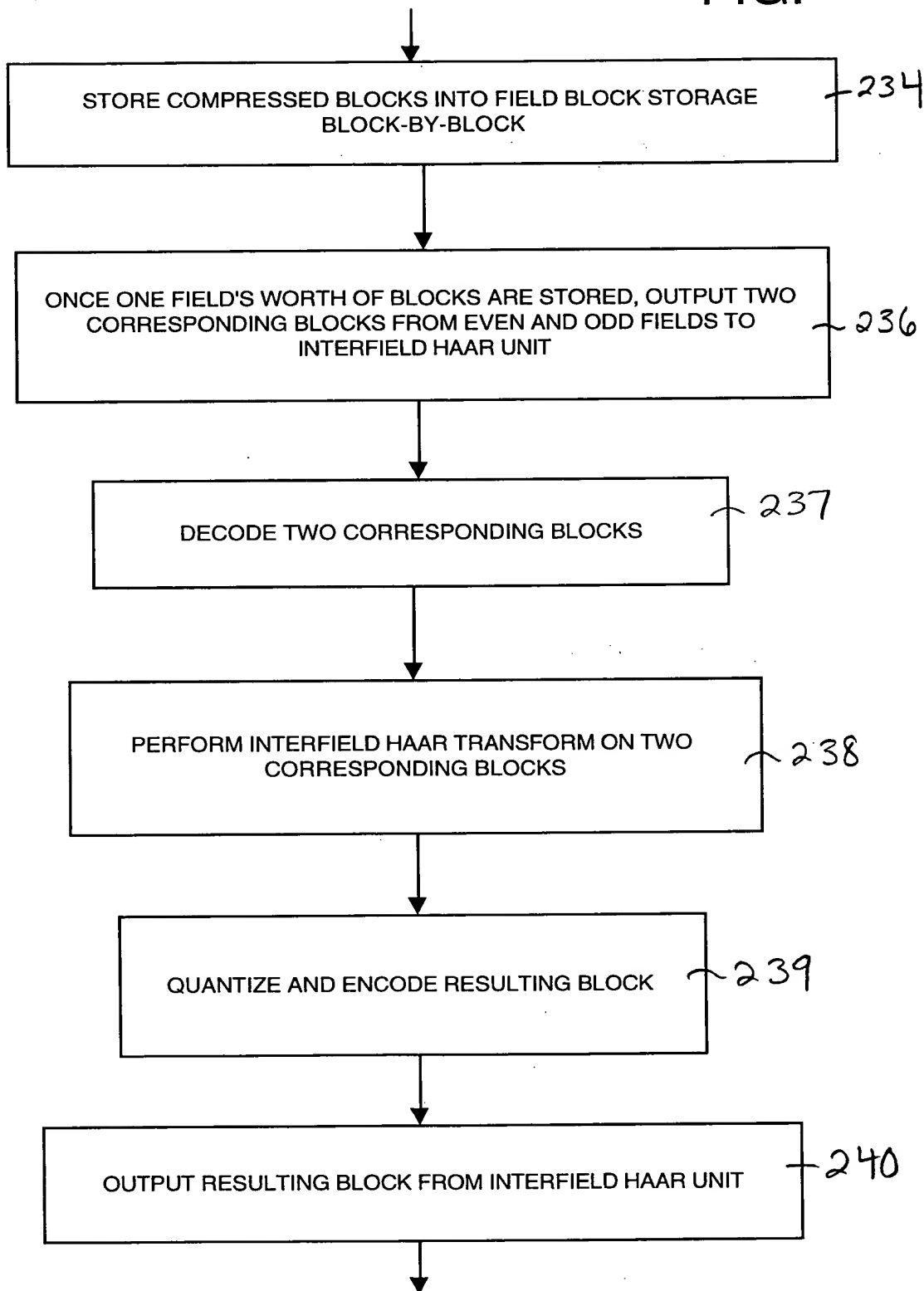
200

FIG. 5A



200

FIG. 5B



200

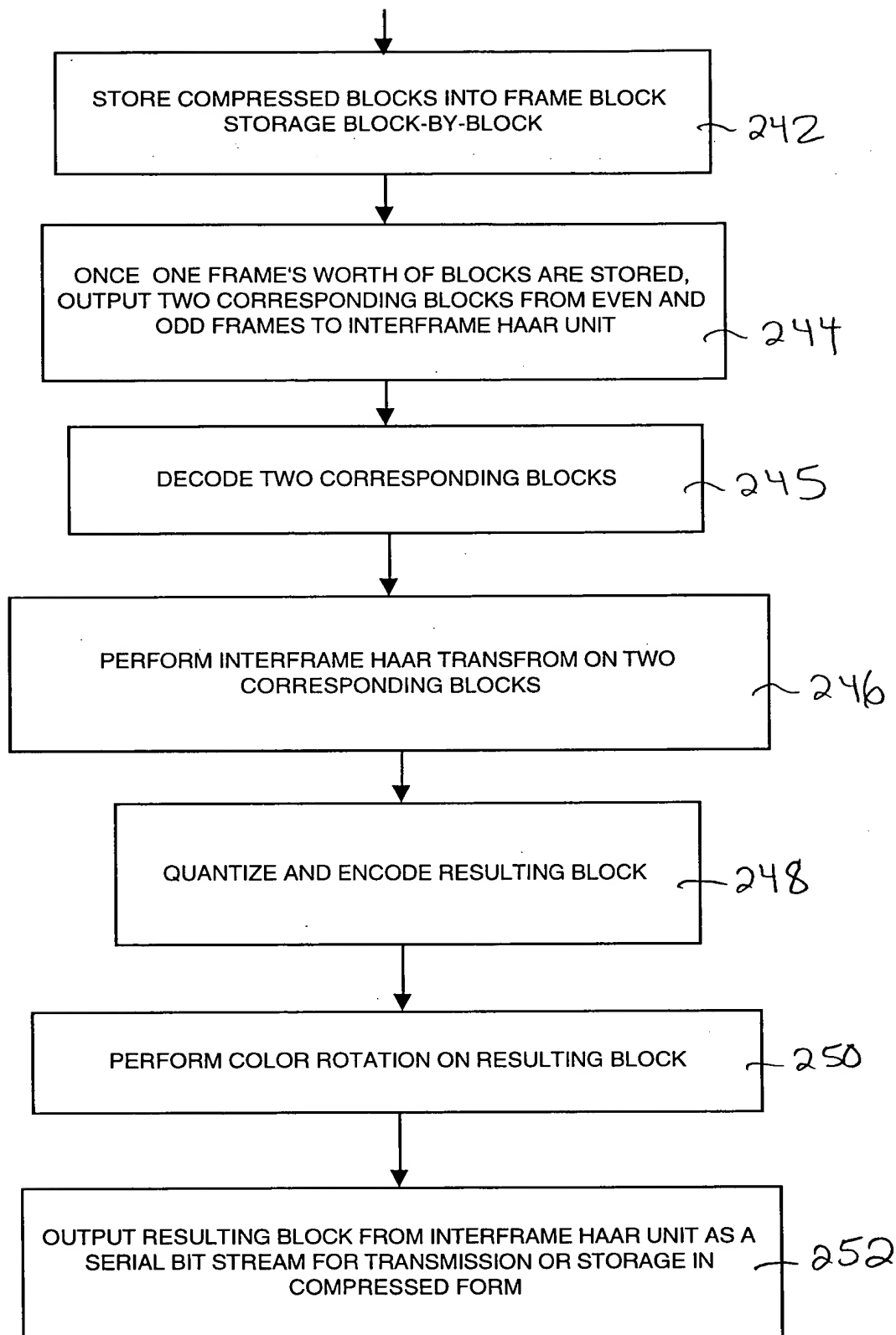
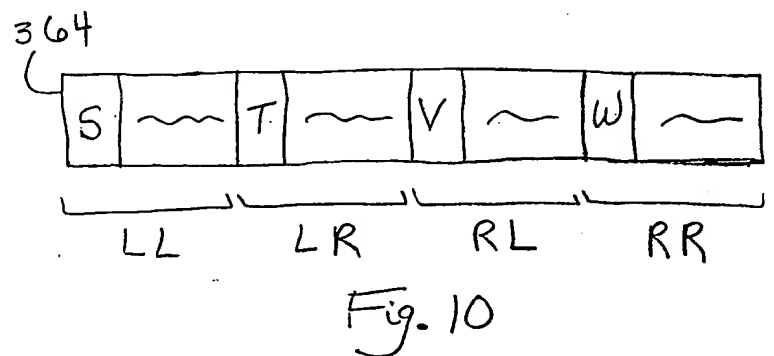
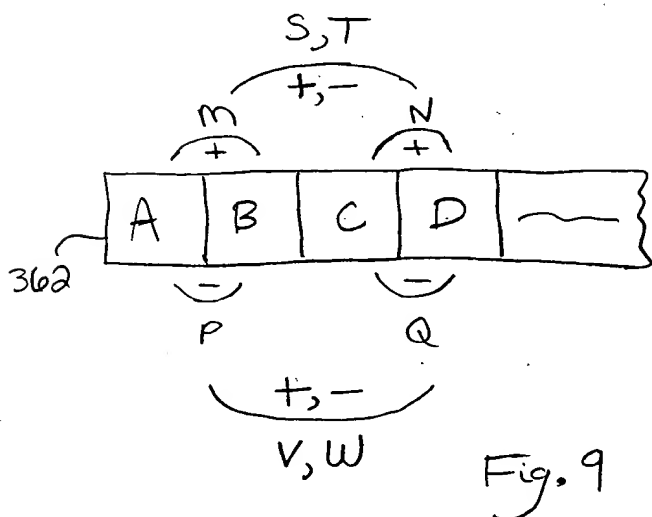
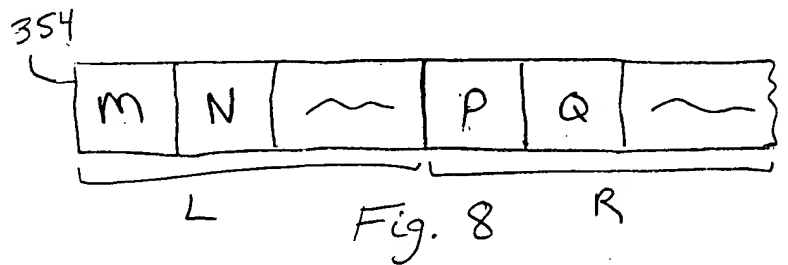
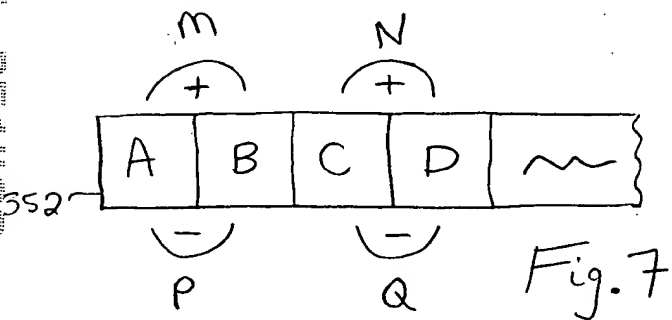
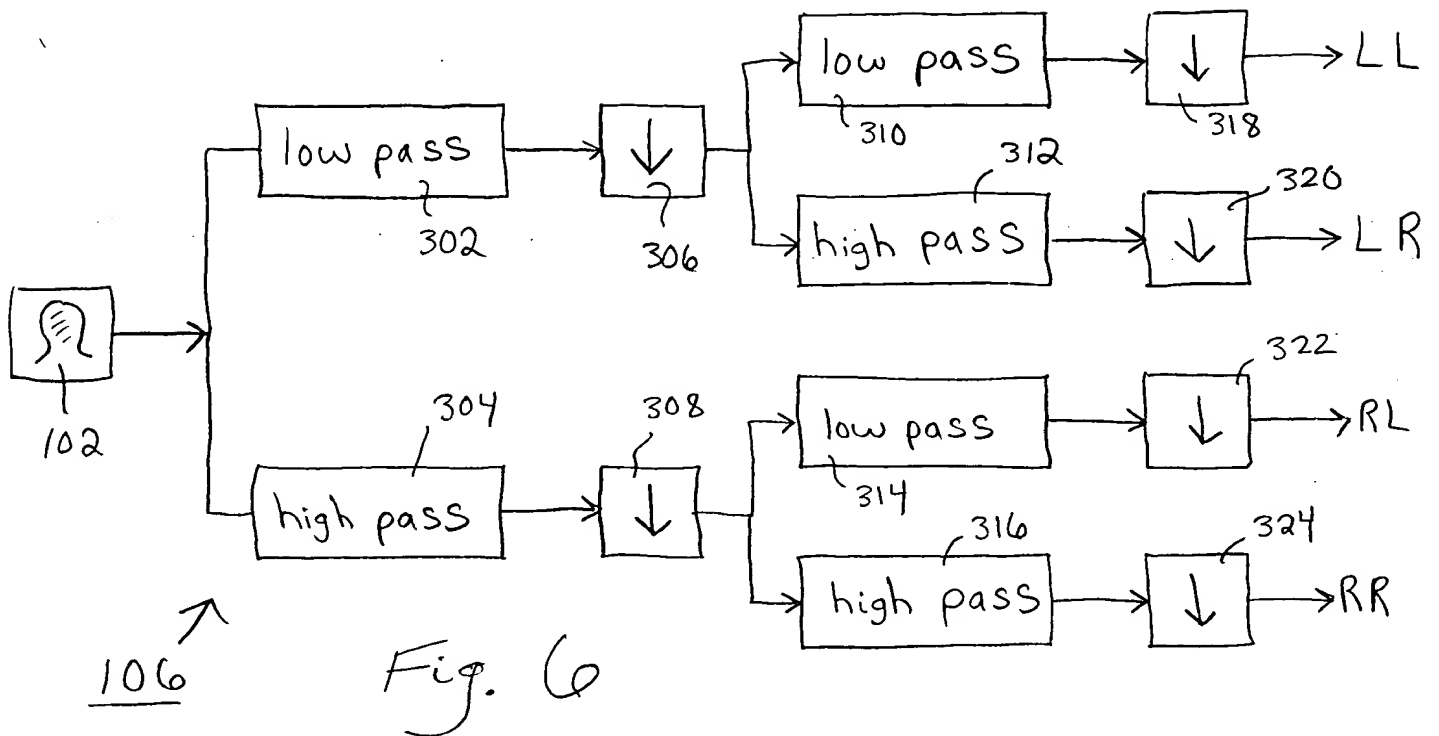


FIG. 5C





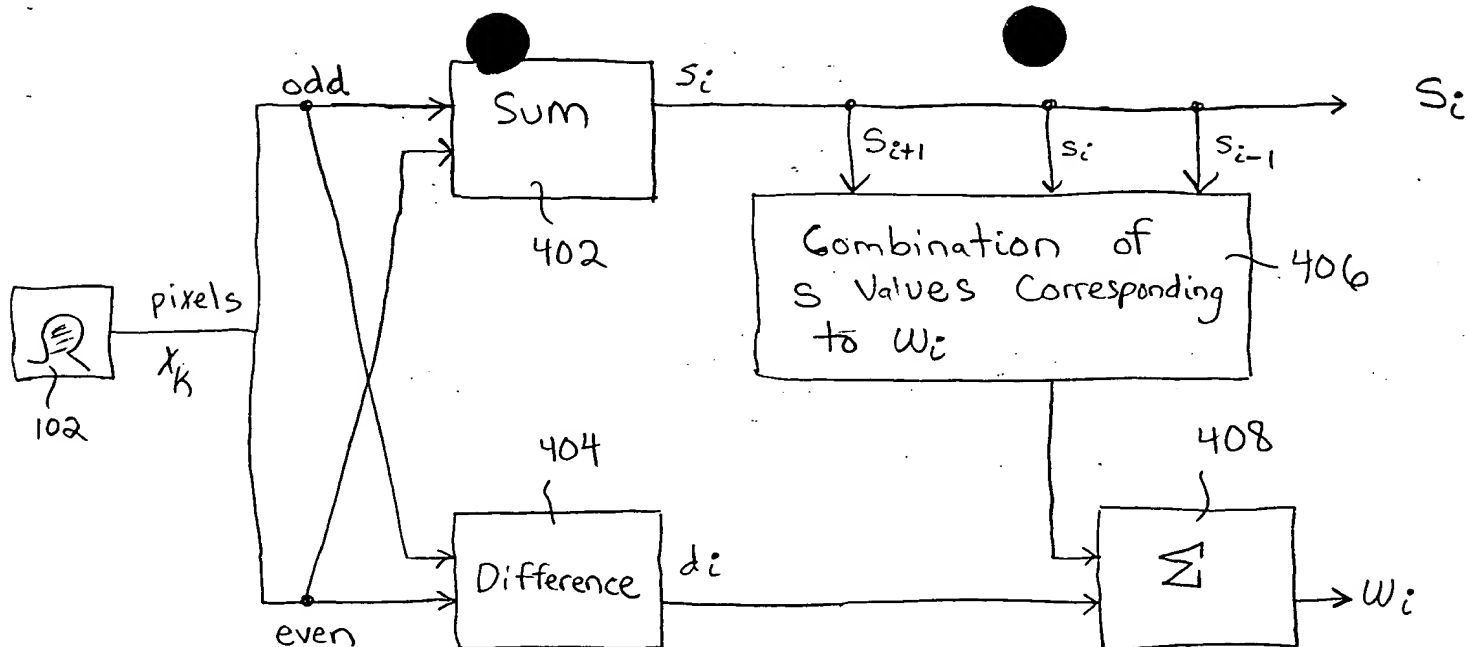


Fig. 11A

106a

	$S_0$	$S_1$	$S_2$	$S_3$	$S_4$	$S_5$	$\dots$	$S_{n-4}$	$S_{n-3}$	$S_{n-2}$	$S_{n-1}$	$\leftarrow 410$
$w_0$	$-\frac{3}{8}$	$\frac{1}{2}$	$-\frac{1}{8}$									420
$w_1$	$-\frac{1}{8}$	0	$\frac{1}{8}$									422
$w_2$		$-\frac{1}{8}$	0	$\frac{1}{8}$								424
$w_3$			$-\frac{1}{8}$	0	$\frac{1}{8}$							426
$\vdots$												428
$w_{n-3}$								$-\frac{1}{8}$	0	$\frac{1}{8}$		430
$w_{n-2}$									$-\frac{1}{8}$	0	$\frac{1}{8}$	432
$w_{n-1}$									$\frac{1}{8}$	$-\frac{1}{2}$	$\frac{3}{8}$	434

412  $\uparrow$

409

Fig. 11B

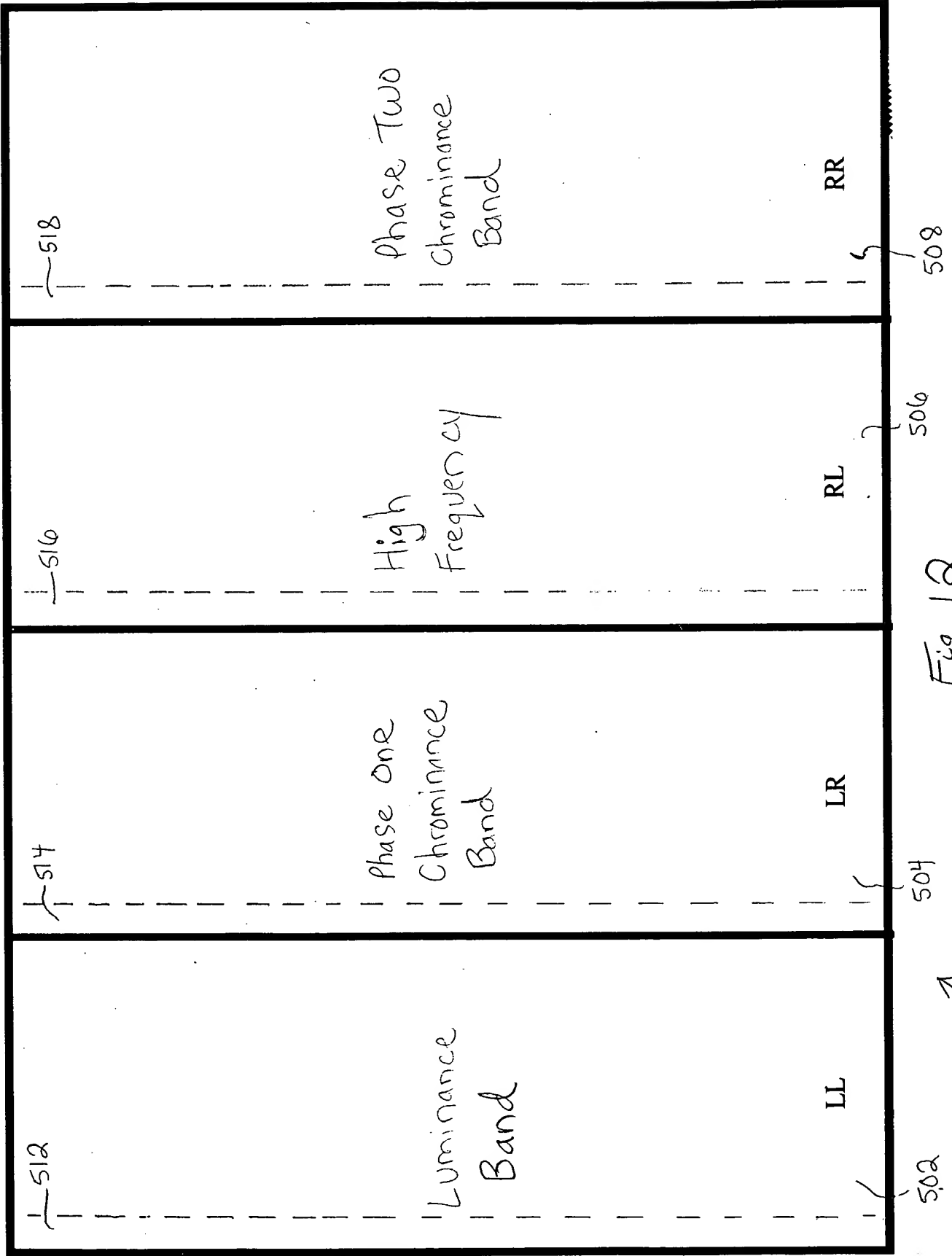


Fig. 12  
Stripe After Horizontal Filtering

500

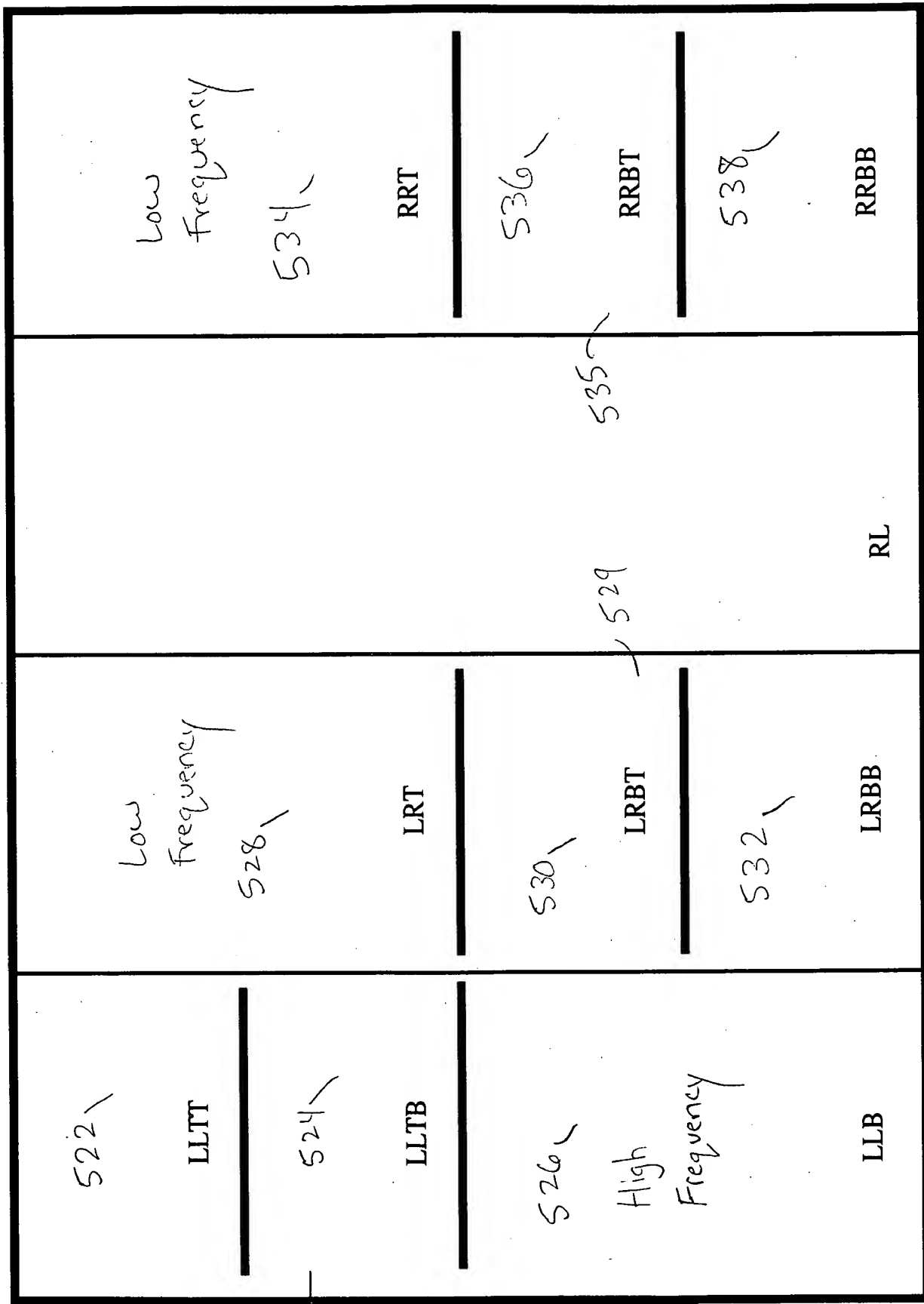


Fig. 13  
Block After Pass & Filtering

520

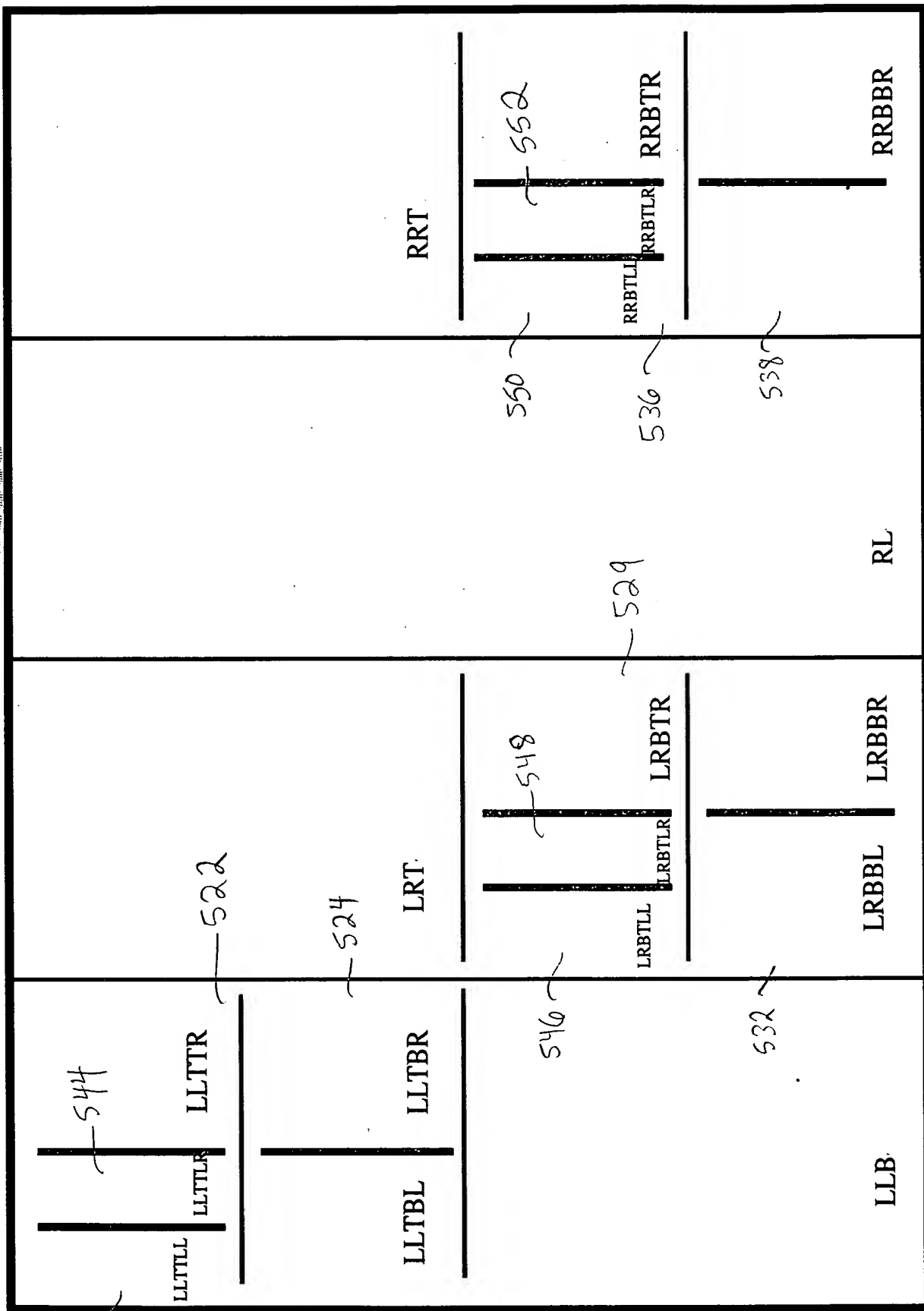
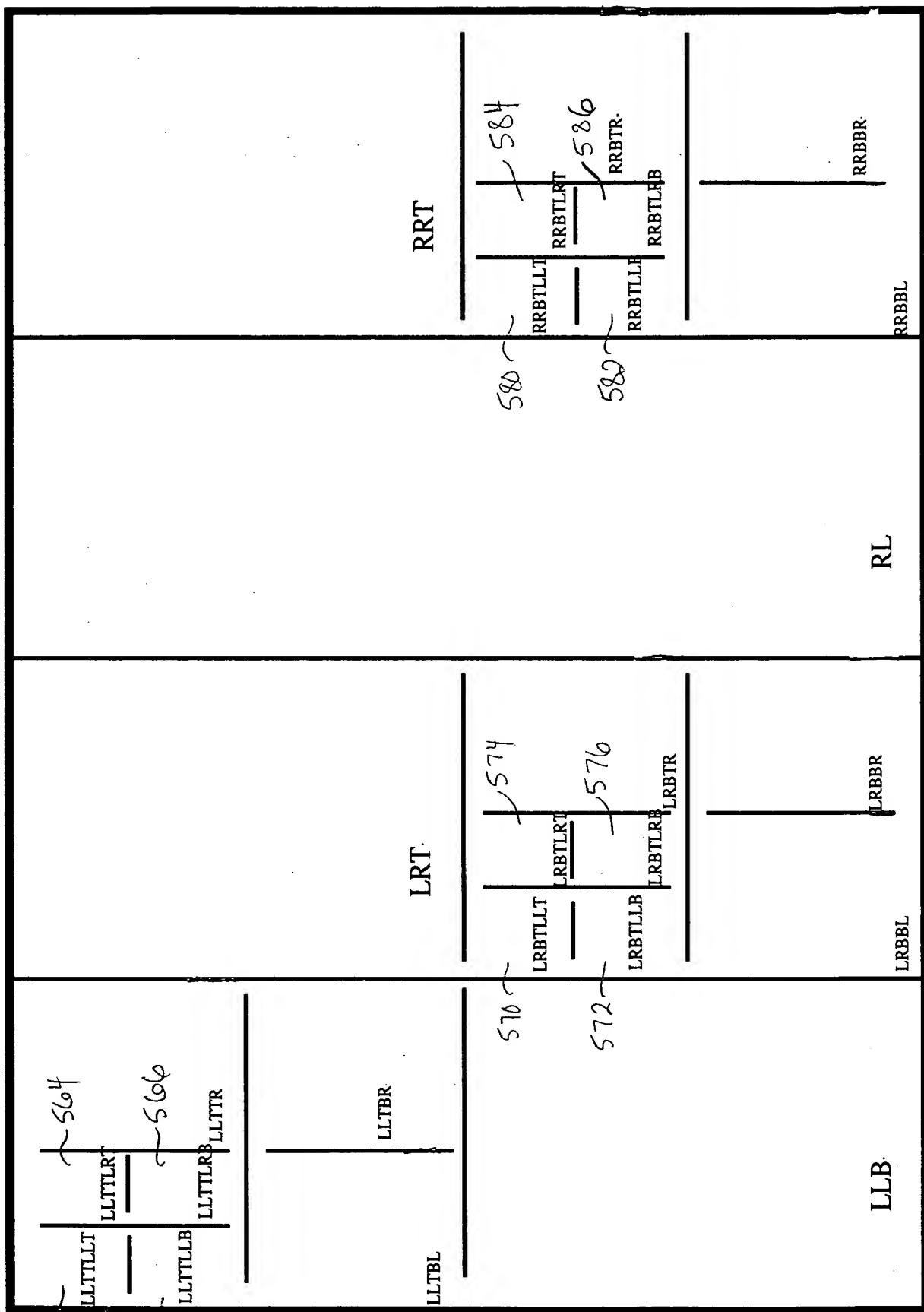


Fig. 14  
Block After Pass 3 Filtering



518 /

516

514

520  
↑

Fig. 15  
Blocks After Pass 4 Filtering



520

Fig. 16

The diagram illustrates a video sequence structure. It shows two frames, Frame 0 and Frame 1, each containing two fields. Frame 0 consists of field 00 and field 01, while Frame 1 consists of field 10 and field 11. Each field contains a hatched square. Arrows labeled 670a, 670b, 670c, and 670d point to these squares. Above each pair of fields is a curved arrow labeled 680, 682, and 684, with a '+' and '-' sign, indicating a transition or comparison between the fields.

650 ↗

Fig. 17

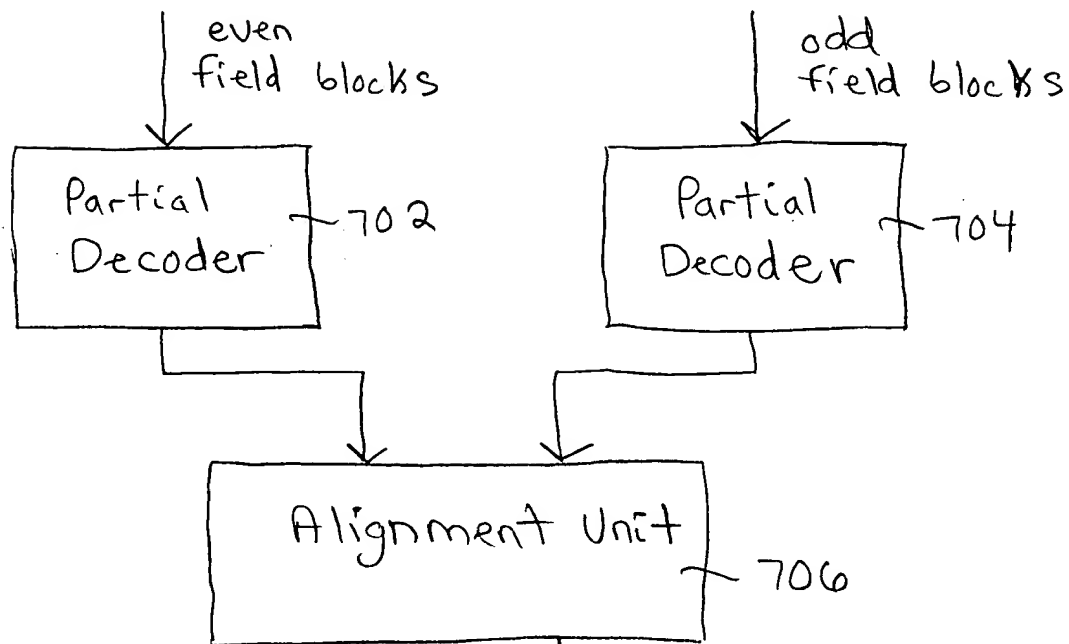
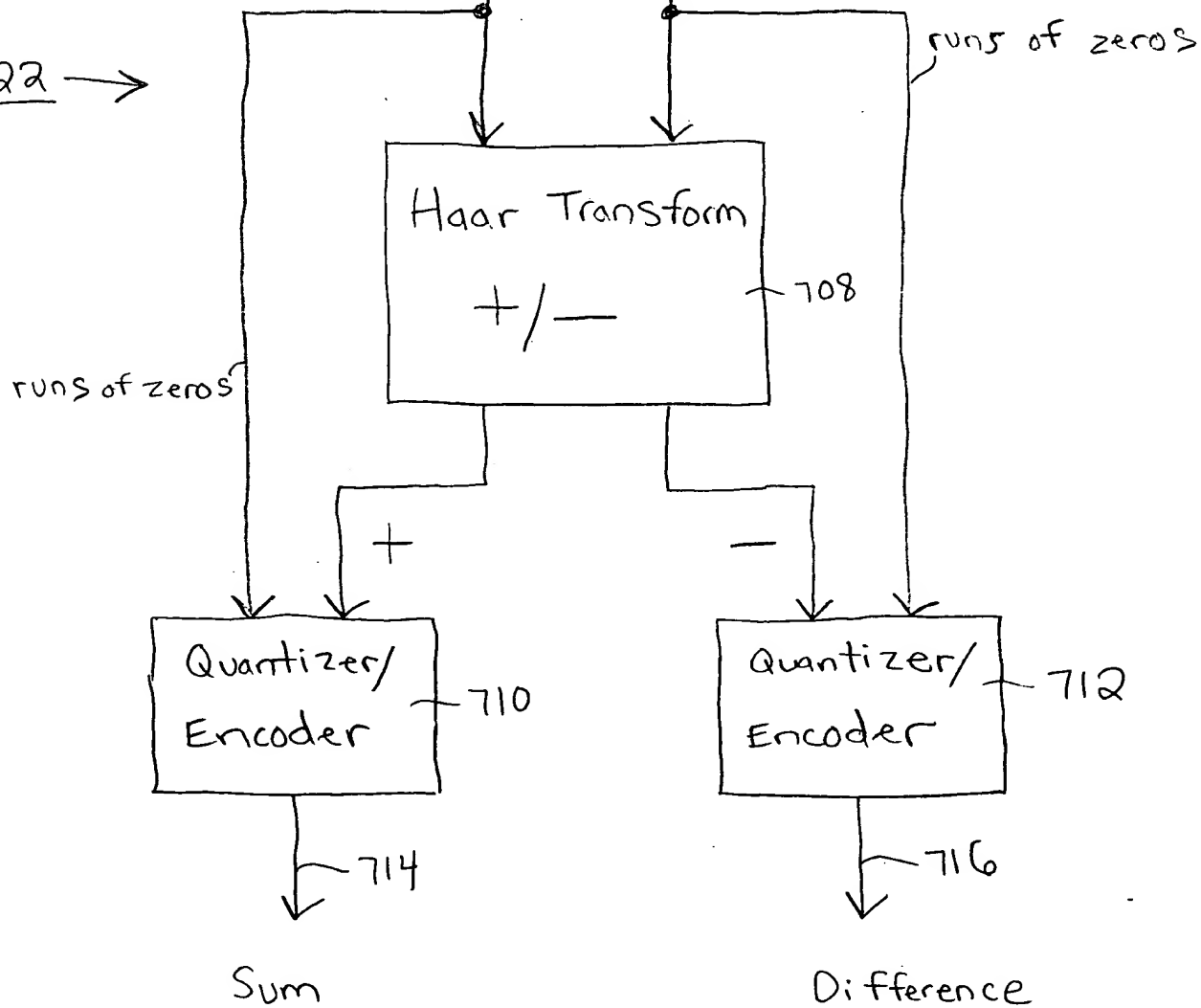


Fig. 18

122 →





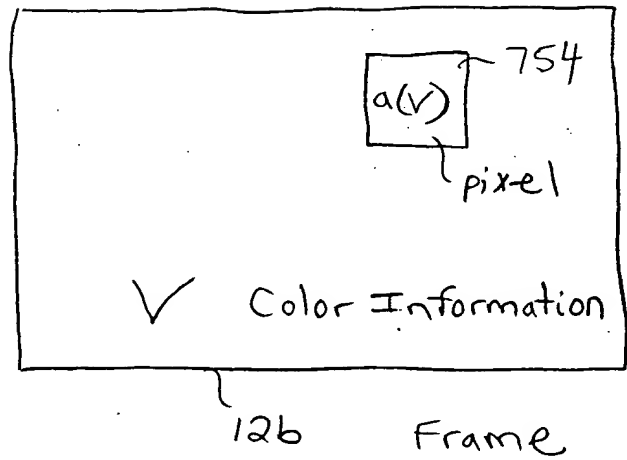
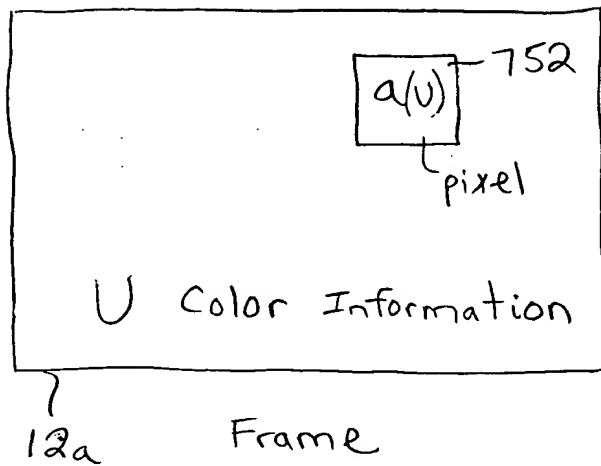


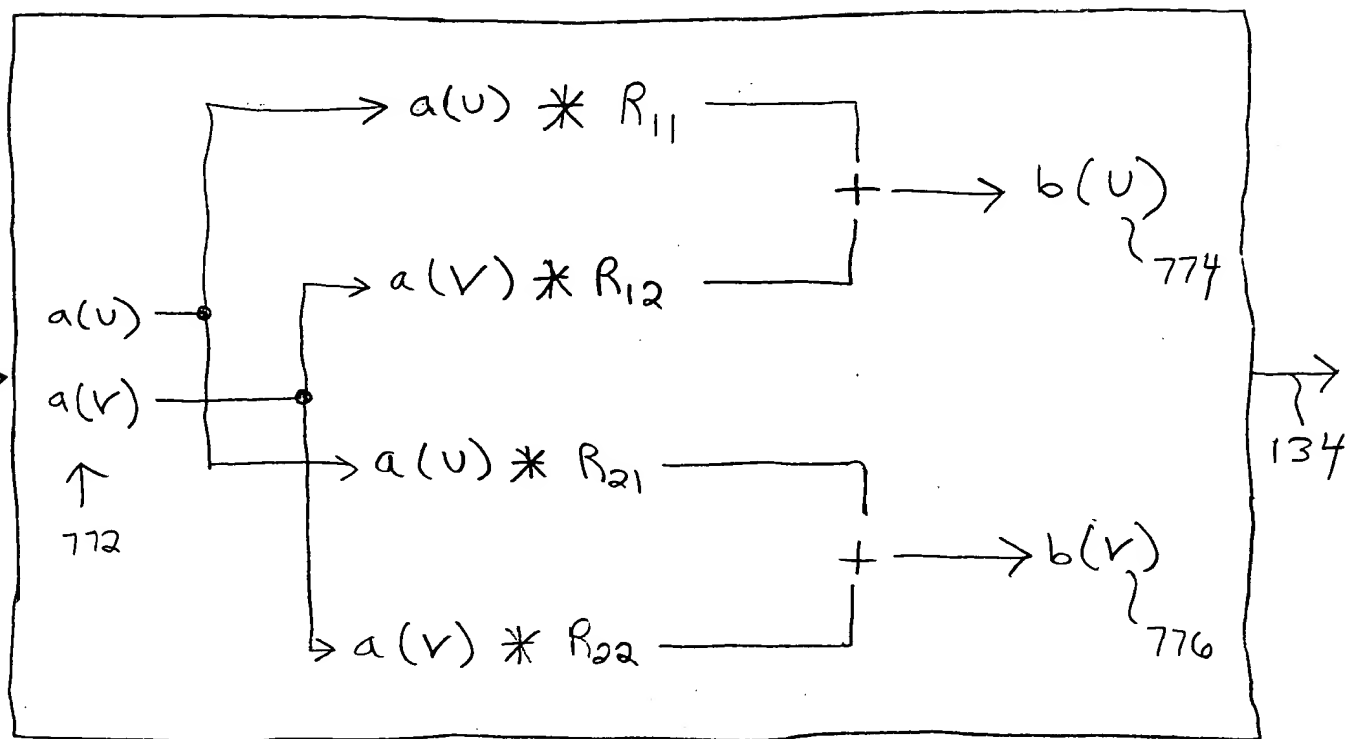
Fig. 19 (prior art)

$$\begin{array}{c} \text{Rotation} \\ \text{Matrix} \\ R \end{array} \left[ \begin{array}{c} \text{762} \end{array} \right] * \left[ \begin{array}{c} a(u) \\ a(v) \end{array} \right] \left[ \begin{array}{c} \text{764} \end{array} \right] = \left[ \begin{array}{c} b(u) \\ b(v) \end{array} \right] \left[ \begin{array}{c} \text{766} \end{array} \right]$$

760 →

Fig. 20 (prior art)

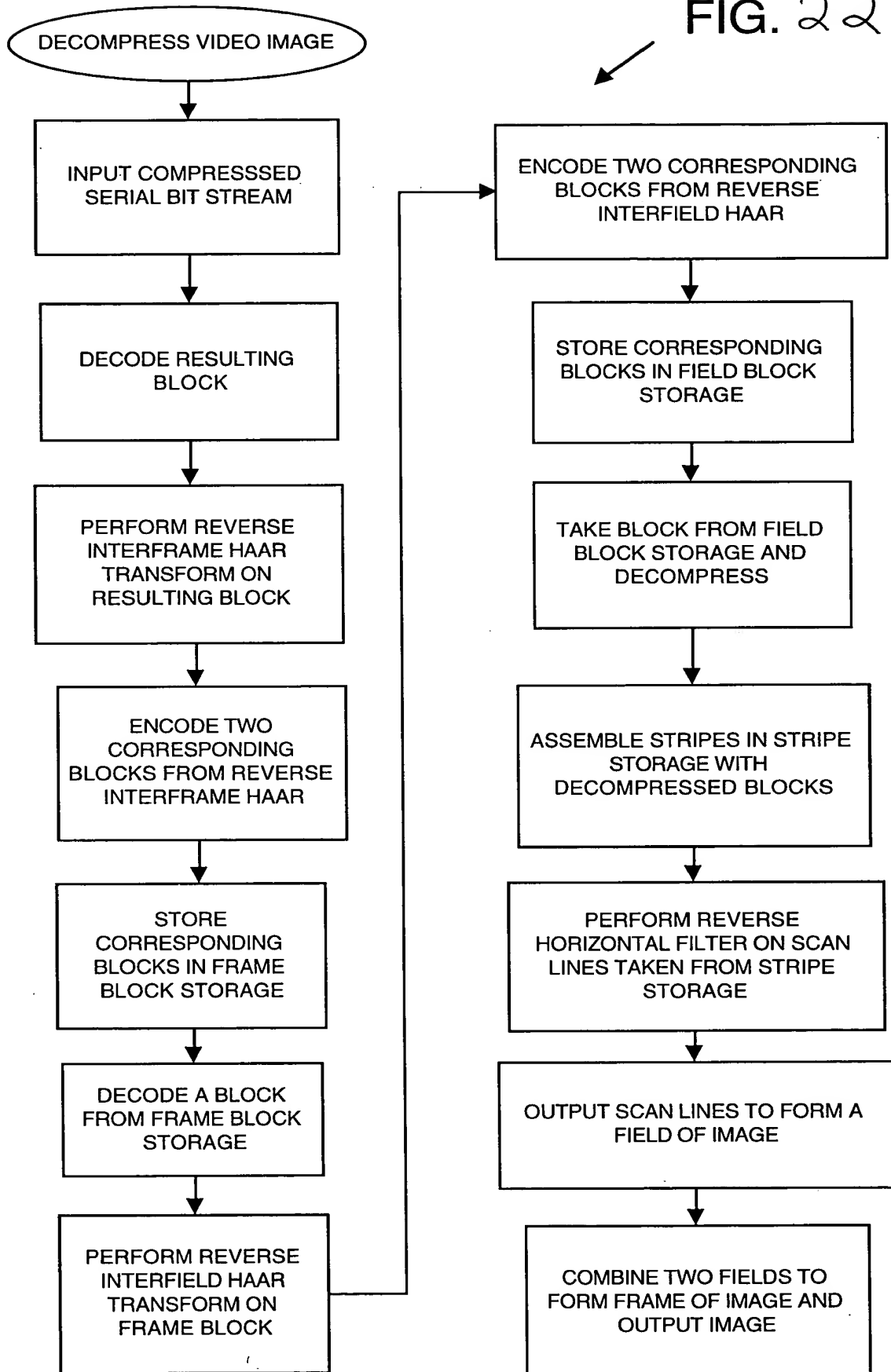
Scanned with CamScanner



132

Fig. 21

FIG. 22



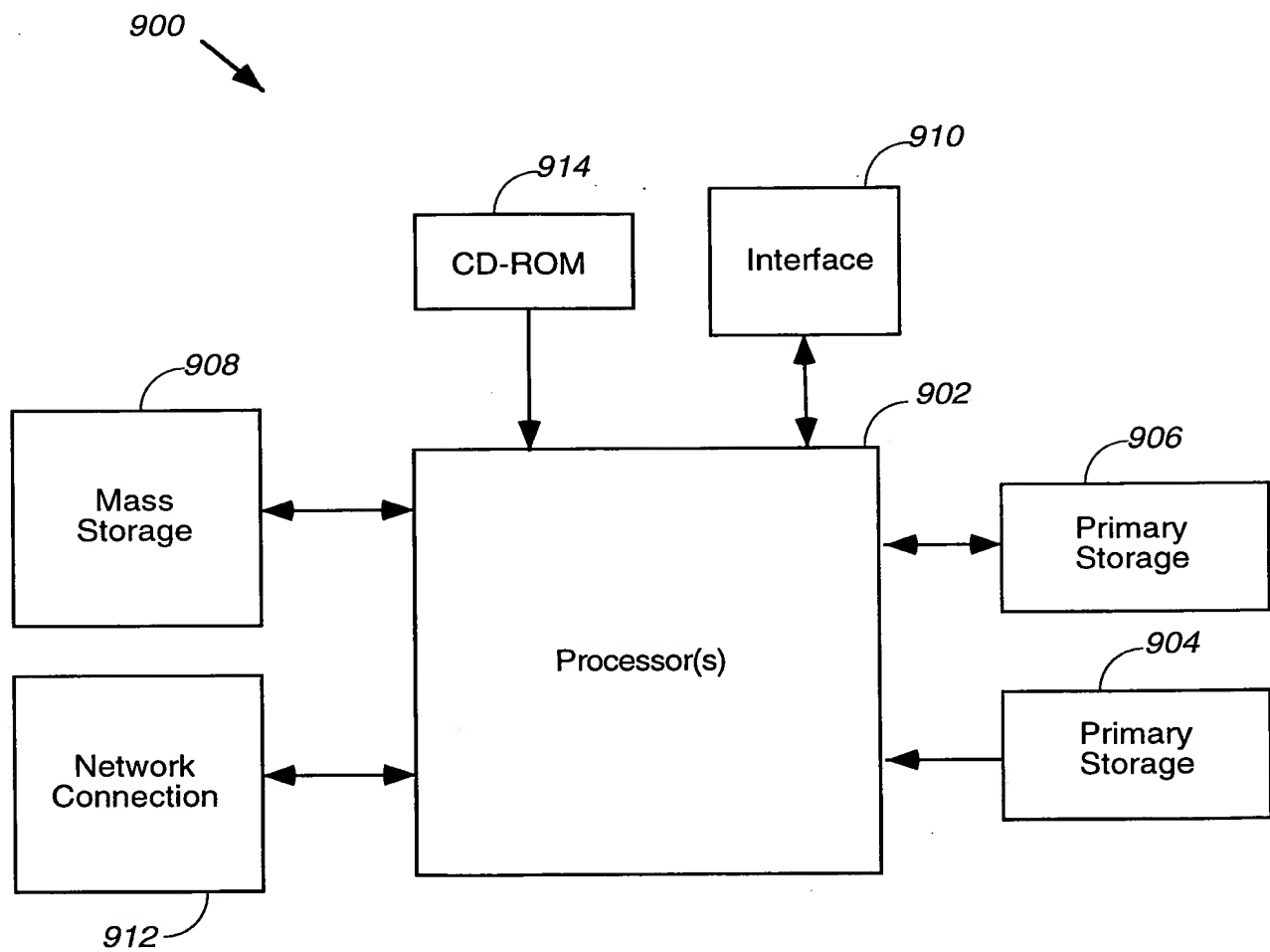


FIG. 23